Abstract of the Disclosure

A system and method for temporally processing an input video including input frames. Each frame has an associated frame play time, and the input video has a total input video play time that is a sum of the input frame play times of all of the input frames. Each of the input frames is classified according to a content characteristic of each frames. An output frame play time is allocated to each of the input frames that is based on the classified content characteristic of each of the input frames to generate a plurality of output frames that form an output video.